

Title (en)
LOW FLOW OPTICAL BLOOD CHAMBER

Title (de)
OPTISCHE BLUTKAMMER MIT GERINGEM FLUSS

Title (fr)
CHAMBRE DE SANG À CONTRÔLE OPTIQUE À FAIBLE FLUX

Publication
EP 2613700 B1 20170419 (EN)

Application
EP 11755533 A 20110906

Priority
• US 87679810 A 20100907
• US 2011050535 W 20110906

Abstract (en)
[origin: US2012059303A1] A low flow blood chamber for optically monitoring blood flowing through extracorporeal tubing has a flat elongated blood flow cavity but preserves the circular viewing area of conventional blood chambers. The blood chamber provides consistent, mixed flow through the blood cavity even at low blood flow rates, e.g. 10 to 500 ml/min., while maintaining certain dimensional characteristics of conventional blood chambers.

IPC 8 full level
A61B 5/1455 (2006.01); **A61M 1/36** (2006.01)

CPC (source: EP US)
A61B 5/14557 (2013.01 - EP US); **A61M 1/3609** (2014.02 - EP US); **A61M 1/367** (2013.01 - EP US); **A61M 2205/3313** (2013.01 - EP US); **A61M 2230/207** (2013.01 - EP US)

Citation (examination)
US 6090061 A 20000718 - STEUER ROBERT R [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 2012059303 A1 20120308; US 8333724 B2 20121218; CA 2808308 A1 20120315; CA 2808308 C 20170704; EP 2613700 A1 20130717; EP 2613700 B1 20170419; WO 2012033753 A1 20120315

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US 87679810 A 20100907; CA 2808308 A 20110906; EP 11755533 A 20110906; US 2011050535 W 20110906